Organisation	Document type		
Outbound Logistics	Instruction		
Document name	Version	Date	Page
Instruction emergency towing XC90, V60, S60L	2	2015-05-12	1 (1)
Plug-in Hybrids			, ,
Issuer (Dept., name, CDS-id)	Reg. No.	Security class	
84200, Henrik Pettersson, hpette19	1	Proprietary	



## Emergency towing XC90, V60, S60L Plug-in Hybrids

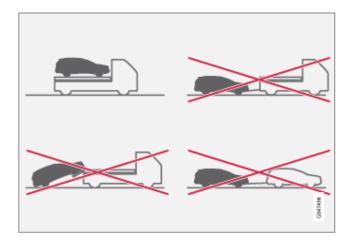
If you detect a Plug-in Hybrid where the 12V-starter battery is flat so it will not start the electric or diesel engine:

- Try to start the vehicle with support from a donor battery/jumpstarting equipment

If the car does not start with the help of donor battery/jumpstarting equipment and the car must be moved there are two alternatives:

## 1 Recovery vehicle/tow truck

Use of recovery vehicle/tow truck where <u>all wheels</u> are on the platform, see picture below. This method will ensure the highest quality of the car.



## 2 Emergency towing

If use of recovery vehicle/tow truck as described above is not possible and the car must be moved urgently to not block other cars from being discharged you can do the following to move the car aside until technicians can take care of the vehicle:

- First take necessary measures to ensure person safety if the car will start rolling as a result of the following steps.
- Release the gear selector from P-position
- Release parking brake
- Move the vehicle gently on its wheels(max speed 10km/h and max distance 500 meters)

## Note

If the car is not rolling easily this can be caused by the ERAD being engaged. The vehicle can still be moved, following the speed and distance restriction(max speed 10km/h and max distance 500 meters). If the restrictions are not followed there is risk for serious damages to the hybrid system. (ERAD = Electric Rear Axle Drive)